

Mr. Steve Setzer
United States Penitentiary
4200 Bureau Road North
Terre Haute, Indiana 47808

Re: 167-12378
First Administrative Amendment to
Part 70 167-6106-00019

Dear Mr. Setzer:

United States Penitentiary and Unicor Federal Prison Industry was issued a permit on June 17, 1999 for the operation of a maximum security prison consisting of boilers, a surface coating booth, and a printing press operation. Vigo County Air Pollution Control (VCAPC) discovered in June, 2000, that a 15 pound per day limit, when coating the metal bars, had been inadvertently excluded from Section D.3 (condition D.3.2) of their permit. Complying with the 15 pounds per day limit will render 326 IAC 8-2-9 not applicable. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows:

Alternately, the United States Penitentiary and Unicor Federal Prison Industry shall be exempt from 326 IAC 8-2-9, if the total amount of volatile organic compounds (VOC) from the surface coating operation(s), when using any non-compliant coating, is less than 15 pounds per day.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Darren Woodward, at (812) 462-3433, extension 15.

Sincerely,

George M. Needham
Director
Vigo County Air Pollution Control

Attachments

DKW

cc: Mindy Hahn - IDEM
Winter Bottum - IDEM

**PART 70 OPERATING PERMIT
OFFICE OF AIR MANAGEMENT
and
VIGO COUNTY AIR POLLUTION CONTROL**

**United States Penitentiary
4200 Bureau Road North
Terre Haute, Indiana 47808**

and

**Unicor Federal Prison Industry
4200 Bureau Road North
Terre Haute, Indiana 47808**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T167-6106-00019	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: June 17, 1999
First Administrative Amendment T167-12378-00019	Page(s) Affected: 31
Issued by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: September 26, 2000

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

1. One (1) Surface Coating Booth located at the National Bus Center, Capacity: one (1) automobile per twenty-four hour period, one (1) bus per forty-eight hour period, or fifteen (15) metal bars per hour. Method of application: automobile - HVLP, bus - HVLP, and metal bars - electrostatic, stack ID: Bus Center Surface Coating Booth stack, stack height: 37 feet, diameter: 3.5 feet, gas flow rate: 28,800 acfm, gas discharge temperature: unknown.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Volatile Organic Compound (VOC)

Any physical change or modification which may increase potential emissions from the surface coating operation, when coating buses and small automobiles and light duty trucks, shall require prior approval from OAM and VCAPC to determine applicability requirements of 326 IAC 8-1-6, before such change may occur.

D.3.2 Miscellaneous Metal Coating Operations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coatings applied to the metal bars shall be limited to:

Coatings	Limit (pounds of VOC/gallon of coating less water delivered to the applicator)
Forced Warm Air Dried Coat	3.5
All Other Coat	3.0

To verify compliance with 326 IAC 8-2-9, the daily VOC weighted average shall be calculated for each coating that contains "pounds of VOC/gallon of coating less water" greater than the limit specified for that particular type of coating, using the following equation (* - means to multiply):

$$\text{lb VOC/gal less water} = \frac{3 \text{ coats} [\text{density, lb/gal} * \text{wt.\% organic} * \text{gal of mat'l., gal/unit}] / [1 - \% \text{vol water} * \frac{\text{density coat, lb/gal}}{\text{density water, lb/gal}}]}{[3 \text{ coats, gal/unit}]}$$

Alternately, the United States Penitentiary and Unicor Federal Prison Industry shall be exempt from 326 IAC 8-2-9, if the total amount of volatile organic compounds (VOC) from the surface coating operation(s), when using any non-compliant coating, is less than 15 pounds per day.

D.3.3 Miscellaneous Metal Coating Operations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, solvent sprayed from the application equipment during clean up or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.3.4 Miscellaneous Metal Coating Operations [326 IAC 8-2-9]

Any physical change or modification which may increase production potential of customized top coating of automobiles and trucks to thirty-five (35) or more vehicles per day, shall require prior approval from OAM and VCAPC to determine applicability requirements of 326 IAC 8-2-9, before such change may occur.